The Boston Computer Society

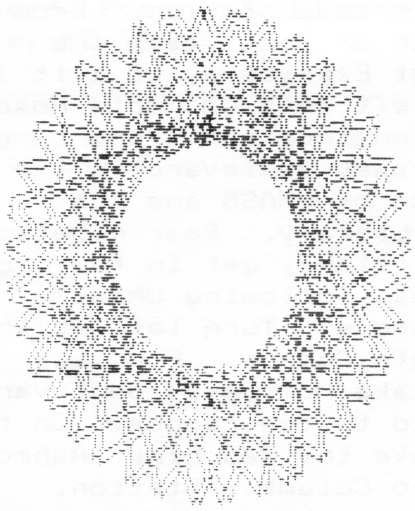
SINCLAIR-TIMEX USER GROUP NEWSLETTER

Volume 3 Issue 4 Very Late April 1984

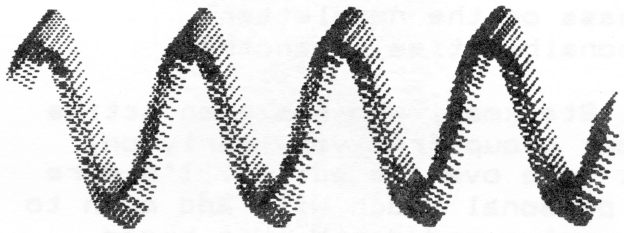
A common recreation among programmers has been the one-liner; a short program structures so as to be complete with only one line number. Indeed, the number is only necessary to allow LISTing. Since Sinclair BASIC allows lines of any length up to the limits of memory, the challenge is not as great as when characters per line are limited to 88, as in PET BASIC, for example. However, one must still structure each one liner to make maximum use of IF/THEN and FOR/NEXT plus other BASIC routines while avoiding GOTO and GOSUB.

This one line program produces a surprising variety of displays and also illustrates the animation possibilities of the OVER command on the T/S 2068. Let's have some more of these!

```
10 INPUT "type a #, 0 to 50 ;"
;x: INPUT "How many repeats ? ";
y: FOR n=1 TO y: PLOT 65,27: DRA
W OVER 1;120,120,(x*10+9)*3*PI:
NEXT n
```



Input 25



MARCH HIGHLIGHTS

Group Director Sue Mahoney opened the March meeting with a description of membership in the Boston Computer Society. For those non-member readers out there, BCS membership is $24 a year. Members receive a subscription to the society's bimonthly magazine "The Computer Update", membership in all BCS user and special interest groups, subscriptions to any two of those group's newsletters, as well as access to a variety of discounts and special member programs. To join or for more detailed information call 367-8080 or write: BCS, One Center Plaza, Boston, MA 02108.

Marty Warner-Dubay, formerly of Timex and now with Timex retailer Games to Learn By, reported to the group about the condition of the Timex community. Among many interesting observations, she estimated that 45-50 thousand TS2068's had been sold by then, 10-15 thousand more were in Timex's warehouse, and that 90,000 were still at the factory in Korea. Games to Learn By can be reached at 413-268-7505 in Williamsburg, MA.

The Boston Computer Society

Annual membership in The Boston Computer Society includes all mailings from two user/special interest groups (attendance at monthly meetings is unlimited).

- ☐ Regular (1 year), $24
- ☐ Regular (2 year), $45
- ☐ Regular (3 year), $62
- ☐ Youth (under 18), $15
- ☐ Family, $36
- ☐ Overseas, $48
- ☐ Sustaining, $120
- ☐ Corporate, $200
- ☐ Lifetime, $2000

Sign me up for these special interest groups:

- ☐ Apple/Boston
- ☐ Atari
- ☐ Commodore
- ☐ Digital Equipment
- ☐ Displaywriter
- ☐ 80/Boston (TRS-80)
- ☐ Hewlett-Packard
- ☐ IBM PC
- ☐ Kaypro
- ☒ Macintosh
- ☐ NEC
- ☐ Ohio Scientific
- ☐ Osborne
- ☐ Otrona
- ☒ Sinclair/Timex
- ☐ Texas Instruments
- ☐ Victor
- ☐ Other _____

Sign me up for these special interest groups:

- ☐ Artificial Intelligence
- ☐ Business
- ☐ Consultants/Entrepreneurs
- ☐ CP/M
- ☐ Database
- ☐ Education
- ☐ Family/Home
- ☐ Graphics
- ☐ Investment
- ☐ Legal
- ☐ Logo
- ☐ Medical/Dental
- ☐ Pascal
- ☐ Real Estate
- ☐ Robotics
- ☐ Science & Engineering
- ☐ Social Impact
- ☐ Telecommunications
- ☐ Training/Documentation
- ☐ UNIX & C
- ☐ Other _____

One Center Plaza
Boston, Massachusetts 02108

***** ZX PRO/FILE *****
a 16K+ file manager for the Timex

ZX PRO/FILE is a machine language data base that gives you tremendous versatility:

- **instant access to any file stored in memory**
- **files of any size in the same program run**
- **single or multiple word search capabilities**
- **ordered file displays**
- **comprehensive programmable printer functions**

A 59 page manual comes with the cassette. In it are complete instructions, examples, directions for upgrading to larger memories, modifications, program listings, and a detailed explanation of how the program works. There's even an introduction to machine coding for beginners.

ZX PRO/FILE is the best file manager you can get for your Timex. In fact, users report that it provides data handling functions found only on the most sophisticated systems.

Price: just $16.95 WRITE FOR INFO ON New 2068 Version!!

Let me send you full specifications. Write to:

Thomas B. Woods
P.O. Box 64, Jefferson, NH 03583
Phone: (603) 586-7734

The Boston Computer Society

One Center Plaza

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Boston, MA

Circle Chess Group
A. F. Stanonis
P.O. Box 63
Des Plaines, IL 60017

10 REM ** Sinclair

This is my last issue as editor of this publication. The demands of my career and other activities in the BCS have made it necessary for me to pass on the newsletter responsibilities to another.

Will Stackman, who has been active in our group from very early on, will take over as editor. I'm sure his personal touch will add much to it's value and depth. His broad range of knowledge about not only the S/T community but all of personal computing makes him a valuable asset to us all. I'm looking forward to reading this letter in the future.

This newsletter is important. It serves an important role in the Sinclair computer community. Now that there's no central exchange for users to communicate through (like Timex, SYNC, or TS User Magazine) our groups and newsletters are more important than ever.

Well over a thousand people read this letter every month. But it is now more difficult than ever to put it out on a regular basis. You readers are more than just subscribers to this publication. It is YOUR newsletter. It will go on only if you make some sort of contribution to it.

Write an article, review a product, write a letter to the editor, simply give the editor some feedback about Sinclair computing. All these things can make a tremendous difference.

Let's get involved! You can make the difference!

JGH III

-30-

The Boston Computer Society

This newsletter is produced to inform group members of the agenda and logistics of future meetings, as well as to recap and amplify the information provided at the meetings. It also provides a forum for members and interested parties to communicate what thay have learned or developed relating to Sinclair and Timex computing. Meetings are open to the public (non-member admission is $3); however attendees are encouraged to join the Boston Computer Society (BCS) This newsletter is free to members. Back issues are one dollar each.

DIRECTIONS TO MEETING: The S-T User Group meets in the Large Science Auditiorium (Room 8/2/009) of the University of Massachusetts, Boston Harbor Campus. It is located only 3 miles from downtown Boston and easily accessible by public and private transportation. From the north or west, take the Southeast Expressway to Exit 17. Turn left onto Columbia Road. Follow construction signs to get to Morrissey Boulevard in the direction of UMASS and the Kennedy Library. Bear right on traffic island, get in the right two lanes, following UMass/Boston signs. Turn left at the light into Campus. From the south, take Morrissey Boulevard northward to the campus. On the MBTA, take the Red Line (Ashmont Train) to Columbia Station. Transfer to the free University shuttlebus in the T parking lot.

GETTING SERIOUS WITH YOUR TS1000 AND TS1500

review by Will Stackman

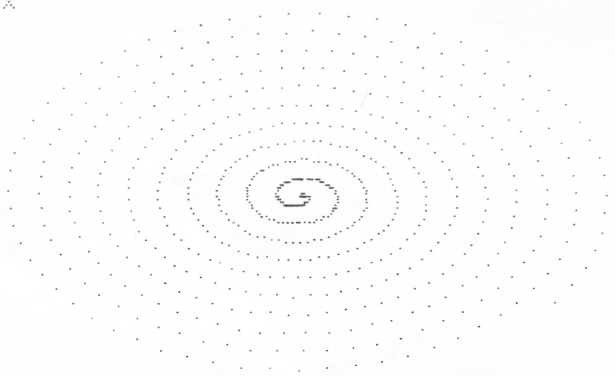
If computer manufacturers would support manuals for their proprietary software of this grade they would not only sell more software but more computers too. If you want to make real use of your TS1000/1500 of ZX81 for spreadsheet use this book will walk you through both VU-CALC and VU-FILE(The Organizer).

The author supplies reproducable worksheet templates which allow the user to set up spreadsheets of surprising complexity or manipulate inventories.

One caveat: the spreadsheet template folded into the back is slightly too large to xerox on 8 1/2 by 14 (legal size paper). Have the supplied version reduced slightly on a fancy machine (for under a dollar) and then use that to make working versions.
We'll get into some detailed notes on Gettting Serious next month.

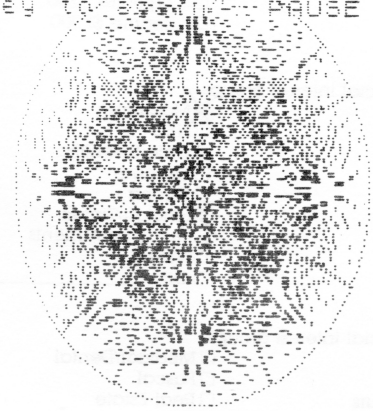
VU-CALC and VU-FILE (The Organizer) by Robert B.V. Masters, Robert J. Brady Co., Bowie, MD 20715.

```
10 FOR x=0 TO 65 STEP .1: PLOT
2*x*SIN x+125,x*COS x+88: NEXT
x
```

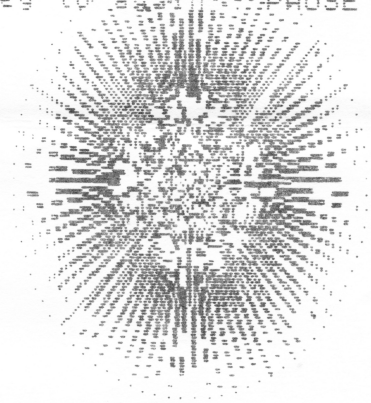


ONE-LINERS from page 1

```
10 CLS : INPUT "Choose a #, 1-
255 ";x: OVER 1: FOR n=0 TO 1:
PLOT 65,27: DRAW 110,100,PI*x: B
EEP .5,1: NEXT n: PRINT AT 3,7;"
Any key to again": PAUSE 0: GO T
O 10
```

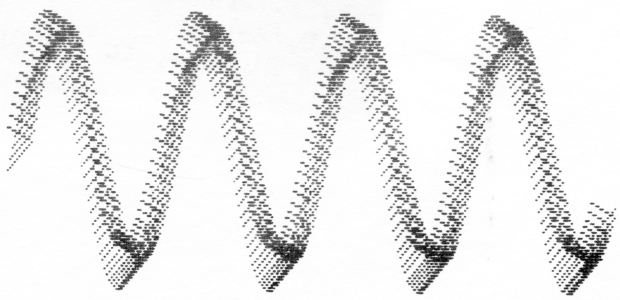


```
10 CLS : INPUT "Choose a #, 1-
255 ";x: OVER 1: FOR n=0 TO 1:
PLOT 65,27: DRAW 110,100,PI*x: B
EEP .5,1: NEXT n: PRINT AT 3,7;"
Any key to again": PAUSE 0: GO T
O 10
```



#=255

```
10 FOR x=0 TO 254: PLOT x,40*S
IN (x/10)+88: DRAW 10,10: DRAW -
10,5: NEXT x
```



The Sinclair Timex User Group

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617-961-3453

The Sinclair Timex Newsletter is published monthly by the Sinclair Timex User Group of the Boston Computer Society. Membership in the BCS is $24 per year which includes a subscription to its magazine "The Computer Updata" and subscription to two of its group newsletters (such as this one).

Advertising space is available in this publication on a limited, first come first served basis. The rate is $60 per quarter page. At this time no other ad sizes are available. For detailed rate and discount information contact the Advertising Manager or the Publisher.

HIGHLIGHTS from page 1

Bob Masters, an original member of our group, spoke briefly about his recently published book about VU-CALC and VU-FILE. Bob has invited anyone interested in reviewing the book to get in touch with him for a review copy. Contact him c/o this newsletter or at the meeting.

Dave Wood, another faithful member, had his TS book cancelled at the last minute. He is thinking about self-publishing it. This reporter read an early draft and it's a great TS1000 machine language resource. Contact Dave at the meeting or c/o this newsletter.

It was reported that SYNTAX will try to continue publishing, subject to advertiser support. So tell 'em you heard about it in SYNTAX.

The Machine Code Group lives! It's in the process of locating a new permanent home. For up to the minute info call Jack Hodgson at 617-354-7899. Also ask him about the Machine Language Newsletter.

Finally, John Kemeny, who has been corresponding with other TS user groups for a couple years now, is thinking about trying to create an index for the 4 foot stack of TS publications he's got in his living room. "There's lots of great stuff in there if we only had a reliable way to find a particular peice."

To help John with this project contact him at the meeting or at the address listed for him on page 2.

OTHER SINCLAIR-TIMEX USERS GROUPS

Whether they are called Sinclair-Timex or Timex/Sinclair, User or Users or User´s or Users´, Group or Club or Society, there are a great many support organizations like our group located around the country and Canada. We know, because we´ve been keeping a list and exchanging newsletters with many of them. You can find these publications in our library.

When Timex closed shop, and Sync and Timex-Sinclair User (not to be confused with TS USER) magazines folded, the general consensus was that Users Groups need to communicate more than ever.

While we have scrupulously maintained the confidentiality of our list, we feel that at this time it is more vital that communications be improved. The following is a list of the most active users groups - groups with whom we regularly exchange newsletters, correspondence and phone conversations. In addition, a much larger list of users groups (and former users groups?) is available from John Kemeny. Just send him a SASE.

==========

Group Name; Contact Person; Mailing Address; City, State and Zip Code

---

ZX/TS User Group;Sergio Perez Davida;P.O. Box 38;Puerto Real, PR 00740
BCS Newsletter Exchange;John Kemeny;284 Great Road Apt. D-5;Acton, MA 01720
Mitre-Bedford Sinclair-Timex;Ed Lindsay;P. O. Box 208;Bedford, MA 01730
BCS Sinclair-Timex;Sue Mahoney, Director;One Center Plaza;Boston, MA 02108
BCS Sinclair-Timex;Jack Hodgson;P. O. Box 526;Cambridge, MA 02238
SE Mass Computer Soc;David Mitchell;382 Locustfield Rd.;East Falmouth, MA 02536
CQ ZX - Nashua Radio Club;Bill Burden, WB1BRE;11 Briand Dr.;Nashua, NH 03063
New Haven Sinclair Study Group;Chris Baldwin;16 Lewis St.;New Haven, CT 06513
*******CSG*******;Kent Zimmermann;115 Russet Dr.;Guilford, CT 06437
Computer Study Group;Matthew Quinlan;227 McKinley Avenue;New Haven, CT 06515
North Jersey;Larry W. Burkhart;133 Christopher St.;Montclair, NJ 07042
;Laura Bajor;10 Marion;Short Hills, NJ 07078
Morris County Users;Larry Spencer;6 Forest Ct.;Morris Plains, NJ 07950
ZX Users of America;Michael Wilson;626 Water St.;New York, NY 10002
ZX Users Group of NY;George Coronado;P.O. Box 560, Wall St.;New York, NY 10005
DATAMERICA Company;;312 East 84 St. #1A;New York, NY 10028
Albany Sinclair User´s Group;Ron Barnard;36 Tanglewood Road;Albany, NY 12205
SINCUS;Gary Ennis, Editor;P.O. Box 523;Owego, NY 13827
Pittsburgh Computer Club;Dick Welsh;1605 Middlecrest Dr.;Glenshaw, PA 15116
Synapse;Bill Russell;RD 1, P.O. Box 539;Centre Hall, PA 16828
Washington Area Users;Steve Wyatt;P.O. Box 6239;Washington, DC 20015
Capital Area Timex/Sinclair;Ellen S. Rogers;P.O. Box 725;Bladensburg, MD 20710

Central Virginia Users;Herb Miller;Rt. 1, P.O. Box 192;Troy, VA 22974
Hampton Roads User Group;Jim Langston;146 Hawthorne Dr.;Newport News, VA 23602
Roanoke Area Users;Richard McGlothlin;P.O. Box 1165;Roanoke, VA 24011
SLUG;Gary S. Preston II;Route 1, P.O. Box 21;Glade Hill, VA 24092
Triangle Sinclair Users Group;Douglass Dewey;206 James St.;Carrboro, NC 27510
Southeast Regional;Kathy Fitzgerald;880 Johnson Ferry Road;Atlanta, GA 30342
T U G;Joe Williamson, Skipper´s Electr;3708 Newberry Rd.;Gainesville, FL 32607
ZX/T Southeast Region;Ralph M. Coletti;869 Levitt Parkway;Rockledge, FL 32955
ZX Forum;Bob Pearsall;9220 Fountain Road;Lake Worth, FL 33463
TAMBAM;Mel Routt;P.O. Box 644;Safety Harbor, FL 33572
Chatanooga Area Users;Dan Williams;P.O. Box 1321;Collegedale, TN 37315
ATSU of Central Ohio;Gary Solomon;1281 Yellowwood Dr.;Columbus, OH 43229
Syntym Cleveland Area Users;Dick Sieg;19502 Thornridge Av.;Cleveland, OH 44135
TS Horizons;Richard Duncan;2002 Summit St.;Portsmouth, OH 45662
;Richard Berg;915 Sunset Dr.;Anderson, IN 46011
TS User;Yagsee Publications;P.O. Box 155;Vicksburg, MI 49097
;K. Allen Ward & Lonnie Misner;520 Tulane #205;Grand Forks, ND 58201
Circle Chess Group;A. F. Stanonis;P.O. Box 63;Des Plaines, IL 60017
S.U.N.;William James Wright;2170 Oak Brook Circle;Palatine, IL 60067
TSZ Users Group;Dave Hallas;P.O. Box 10363;Kansas City, MO 64111
Kansas City User;Carl E. Mutch;4701 Northwest Linden Road;Kansas City, MO 64151
Sinclair Users Network;Patrick Murphy;4903 Walker;Lincoln, NE 68504
Greater New Orleans Users;E.V. Sandy Blaize;417 Ridgewood Dr.;Metaire, LA 70001
Gulf Coast Users;c/o Norris Electronics;144 Terry Dr.;Slidell, LA 70458
Users Group of Oklahoma;Patrick Spera;Tinker AFB T-148;Tinker A.F.B., OK 73145
;M. Mark Wasicsko;Texas Wesleyan, School of Education;Fort Worth, TX 76105
Houston (West) Users;David Bonner;13327 Rain Lilly Lane;Houston, TX 77083
QZX ;Alex Burr K5XY, Physics Dept;Box 30, New Mexico State;Las Cruces, NM 88003
;Dr. George Kuby;P.O. Box 34545;Los Angeles, CA 90034
South Bay Users;John Peterson;2316 Walnut Av.;Manhattan Beach, CA 90226
Syncware;Fred Nachbaur;P.O. Box 5177;El Monte, CA 91734
Z-West;;P.O. Box 2411;Vista, CA 92083
STUMP;William M. Pierson;HHC, DLIFLC 104-46-7719;Presidio of Monterey, CA 93940
;George Mockridge;263 Gateway #107;Pacifica, CA 94044
TSUNAMI;Walter Gaby;3325 Pierce St.;San Francisco, CA 94123
;Paul Perrault;947 Clara Dr.;Palo Alto, CA 94303
Portland Area Users;Mike Veine;P.O. Box 3153;Portland, OR 97208
Clackamas TS Users;Robert E. Evans;2615 SE Courtney Rd. #19;Milwaukee, OR 98222
;John W. Palmer;Comp 53 Site 15 Castle Acres SS3;Fredericton NB, Canada E3B 5W9
;Alan Wright;470 Granville St., Suite 611;Vancouver, Canada V6C 1V5
TS Users Vancouver;J. Brohman;108-1205 Johnson;Coquitlam, Canada V3B 6E6
Vimont Laval Users;;125 DePiemont 2;Vimont Laval, Canada H7M 1B7
Toronto TS Users Club;Greg Lloyd;P.O. Box 7274, Stn. A;Toronto, Canada M5W 1X9
;Heinz G. Oeder;305 Radisson;Chateauquay, Canada J65 1W6